

REMARKS

Claims 10-12 are now pending in the application. Claims 10 and 12 are currently amended. No claims are newly added or cancelled by this amendment. The Examiner is respectfully requested to reconsider and withdraw the rejection in view of the amendments and remarks contained herein.

INFORMATION DISCLOSURE STATEMENT

The Examiner has not yet considered the references included with the Information Disclosure Statement filed September 26, 2007. Applicant requests the Examiner provide an initialed copy of the submitted Form 1449 in the next communication to Applicant (Form 1449 attached to this Amendment for the Examiner's convenience).

REJECTION UNDER 35 U.S.C. § 103

Claims 10-12 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Hiroshi (JP 11-078692; "Hiroshi") in view of Kudo (U.S. Pub. No. 2001/0012059; "Kudo"). This rejection is respectfully traversed.

In claims 10 and 12, "an output of a vehicle motion detection section" is amended to "a motion of the vehicle detected by a vehicle motion detection section." This feature is not taught by Hiroshi. Hiroshi does not disclose the vehicle motion detection section. Claims 10 and 12 are further amended to include the phrase, "to generate the synthesized image with optimal quality to reduce aliasing distortion." This feature is not taught by Kudo.

The claimed inventions solve the first problem regarding an unnatural synthesized image when the vehicle is moving and the second problem regarding aliasing distortion in the synthesized image. As a result, the claimed inventions have technical significance for generating a natural synthesized image. Specifically, the parameter selection section, as claimed, selects a set of the image synthesis parameter group and the filter parameter group according to a motion of the vehicle detected by a vehicle motion detection section. The image synthesis parameter group is used for generating the synthesized image from the camera images. The filter parameter group is used for frequency band limitation filtering of the camera images.

By comparison, Hiroshi merely discloses an apparatus for generating a synthesized image based on the directed operational status. In addition, Hiroshi fails to teach or suggest the claimed parameter selection section acting according to a motion of the vehicle detected by a vehicle motion detection section. Hiroshi focuses on changing camera images based on the status of the vehicle for synthesizing camera images, but does not focus on changing the base of images for generating a natural synthesized image based on the motion of the vehicle detected by the vehicle motion detection section.

Furthermore, Kudo discloses the regulator to control deflection optically by regulating variable angle prism 215 based on the output of angular speed sensor 111. The frequency band filtering disclosed in Kudo filters the angle rate signal which angular speed sensor 111 outputs. Thus, Kudo fails to disclose filtering camera images.

Therefore, it is respectfully submitted that claims 10-12 define patentable subject matter over the combination of Hiroshi and Kudo. Accordingly, Applicant respectfully requests reconsideration and withdrawal of this rejection.

CONCLUSION

It is believed that all of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicant therefore respectfully requests that the Examiner reconsider and withdraw all presently outstanding rejections. It is believed that a full and complete response has been made to the outstanding Office Action and the present application is in condition for allowance. Thus, prompt and favorable consideration of this amendment is respectfully requested.

If the Examiner believes that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at (248) 641-1600.

Respectfully submitted,

Dated: April 8, 2009

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